



US Army Corps  
of Engineers®  
Buffalo District

## FACT SHEET

October 2021

### LASALLE PARK — BUFFALO, NEW YORK

(RALPH C. WILSON, JR. CENTENNIAL PARK)

#### Hurricane and Storm Damage Reduction

Section 103 of the 1962 Rivers & Harbors Act, As Amended

Construction General (Continuing Authorities Program)

#### Location

- Within the City of Buffalo, Erie County, New York, along Lake Erie

#### Project Description

- The purpose of the LaSalle Park, Buffalo, Erie County, New York, project is to provide storm damage reduction measures and protection to approximately 1,355 feet of shoreline along Lake Erie and the Niagara River. This area has been deteriorating due to the continued wave action from Lake Erie.
- Design was cost shared 65 percent Federal and 35 percent Non-Federal. Due to the Bipartisan Budget Act of 2018, project is being completed at full Federal expense.
- Two separate designs were required because of two separate existing sea wall structures within the project

- This project will be constructed with 2018 LDRIP Emergency Supplemental funds.

#### Importance

- LaSalle Park houses the Colonel F.G. Ward Pumping Station, a historic landmark, and water filtration plant which supplies water to the residents of the city of Buffalo.
- The concrete seawall, stone-filled timber crib, and timber pile foundation fronting the pump station and park has deteriorated significantly over the past 50 years. It requires measures to protect the city's water supply, pumping station and filtration plant, park, and access road.

#### Consequence

- If the current shoreline protection fails, it jeopardizes the operation of the clean water pumping station and filtration plant and curtails public access to the park.

Project Phase	Est. Fed. Cost of Phase	FY22 Requirement	FY22 Budget	FY23 Requirement	FY23 Budget
Design & Implementation	\$8.794M	\$0	\$0	\$0	\$0

\* Project being constructed with 2018 Emergency Supplemental federal funds.

#### Project Sponsor/Customer

- City of Buffalo

#### Congressional Interests

- Representative Brian Higgins D NY-26
- Senator Charles Schumer D NY
- Senator Kirsten Gillibrand D NY

#### Current Status

- Original project partnership agreement was executed in March 2017. PPA amended in June 2019 due to Supplemental funding.
- Design was completed February 2020.
- Contract Award on June 25, 2020
- Construction Start: August 21, 2020
- Project is 95% complete

#### Issues

- Bad weather delays
- Two contractor construction schedules

An aerial photograph of the University of Wisconsin-Stevens Point campus. The image shows a large body of water (Lake Stevens) on the left, with a paved shoreline and a line of trees. Two yellow arrows point to the shoreline area. To the right of the shoreline is a large parking lot filled with cars. Further inland are several large buildings with red roofs, including a long, low building and a larger, more complex structure. There are also two large circular structures, possibly storage tanks or silos, and a baseball field in the upper right corner. The campus is surrounded by green grass and some trees.

New Handrails

Replace removed concrete up to EL 579.2 including space between pile and existing concrete

4'-8 3/4"

1'-1 1/2"

New 9' wide concrete path sloped 2% to drain

New NYSDOT subbase

New topsoil and seed where existing asphalt path was removed

#11 GR. 75 Threadbar, 3" embedment  
Install per manufacturer's recommendation, provide nuts and PL3 washers

Grout for space between crib and pile

LWD (EL 569.2)

PZ-22 Pile

2.5" Diameter threaded pipe, shop welded to SSP

2" Diameter A36 Steel toe pin  
4" long, 2" embedded into bedrock, grouted in place

Ground elevation surface varies

Bedrock

Dimensions: 4'-8 3/4", 1'-1 1/2", 9'-0", 3'-0", 10'-0", 12'-6", 3'-0"

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